

Amendments to the claims:

This listing of claims will replace the prior version, and listing, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): ~~A method of preparing e~~Enrichment concentrates containing specific organic selenium compounds including L-selenomethionine and Se-methyl-L-selenocysteine, extracted from selenium enriched garlic.

Claim 2 (currently amended): ~~The A method for preparing the enrichment concentrates of claim 1 involves~~ consisting of the following steps:

(1) supercritical extraction with carbon dioxide modified with a solvent or solvent mixtures selected from comprising of alcohols ethanol, ethyl acetate[.], or water[.];
followed by

(2) separation of individual organic selenium compounds using chromatographic or other procedures including but not limited to preparative high performance liquid chromatography (HPLC)[.];

(3) reconstitution.

Claim 3 (currently amended) The organic selenium compounds of claim 1 ~~include~~ consist of the [[S]]selenoamino acids such as L-[[S]]selenomethionine [.,] and Se-[[M]]methyl-L-selenocysteine, and related compounds[.;] as well as the [[S]]selenoamino acid dipeptide[[s]][.,] such as N-γ (L-[[G]]glutamyl) L-selenomethionine- N-γ (L-[[G]]glutamyl) Se-methyl-L-selenocysteine and related compounds.

Claim 4 (currently amended): ~~A method of preparing~~ [[a]] A bioavailable nutritional supplement composition consisting of natural garlic powder containing 10-2000ppm of elemental selenium in the form of the organic selenium compounds of claim [[1]] 3 combined in defined proportions for optimal health benefits.

Claim 5 (currently amended): The composition of claim 4 ~~may be~~ formulated into a capsule[.,] or tablet or other oral dosage form, or added to food products; for use as selenium nutritional supplement in humans and animals.

Claim 6 (currently amended) Use of The the composition of claim 4 is as an efficacious antioxidant nutritional supplement in humans and animals.

Claim 7 (currently amended) Use of The the composition of Claim 4 is as a safe nutritional supplement with low toxicity to humans and animals.

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Claim 8 (currently amended) Use of ~~The~~ the composition of claim 4 ~~is useful~~ as nutritional supplement in strengthening immune functions and resistance to diseases in humans and animals.

Claim 9 (currently amended) Use of ~~The~~ the composition of claim 4 ~~is useful~~ as nutritional supplement in detoxifying regimens in humans and animals.

Claim 10 (currently amended) Use of ~~The~~ the composition of claim 4 ~~is useful~~ as nutritional supplement facilitating general health maintenance in humans and animals.